L Number	Hits	Search Text	DB	Time stamp
-	130771	(tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/30 10:29
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll		
-	47	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
		(well near3 bore))		
-	2	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:30
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
	400	(well near3 bore))) same (longitud\$6 or plate or lamb)	LICOAT	2004/04/20 40 25
•	188	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (borehole or		
	20927	(hole near3 bore))	USPAT;	2004/01/29 10:58
-	20927	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3	US-PGPUB	2004/01/29 10.36
		acoustic) or (phase near3 lock) or pll or (bulk near3	03-70706	
		acoustic)) same (longitud\$6 or plate or lamb)		
_	1436	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:58
-	1430	or qcm or resonator or saw or baw or (surface near3	US-PGPUB	2004/01/29 10.30
		acoustic) or (phase near3 lock) or pll or (bulk near3	OS FOI OB	
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)		
_	9	(((((tuning near3 fork) or microbalance or (micro adj	USPAT:	2004/01/29 10:59
	_	balance) or gcm or resonator or saw or baw or (surface	US-PGPUB	,,
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3		
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency) same	İ	
		fluid		
-	408	((((tuning near3 fork) or microbalance or (micro adj	USPAT;	2004/01/29 12:11
		balance) or qcm or resonator or saw or baw or (surface	US-PGPUB	
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3		
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency		
-	12	4905701.URPN.	USPAT	2004/01/29 12:05
-	4	088752.ap.	USPAT;	2004/01/29 12:11
		11	US-PGPUB	2004/04/20 42 27
-	1217	mass.ti. and 73\$.ccls.	USPAT;	2004/01/29 12:27
	0775	(72/570 670) 661 6	US-PGPUB	2004/01/20 12:27
<del>-</del>	9775	(73/570-670).CCLS.	USPAT;	2004/01/29 12:27
	40	(mass.ti. and 73\$.ccls.) and ((73/570-670).CCLS.)	US-PGPUB	2004/01/29 12:27
-	49	(Mass.u. and 735.ccis.) and ((73/370-670).ccls.)	USPAT; US-PGPUB	2004/01/29 12:2/
	41	5201215.URPN.	USPAT	2004/01/29 12:29
	41	JZUIZIJ.UKFIN.	LOSENI	2007/01/23 12.23

	T	(10 CT00C04 + 110 C0C0C10 + 110 C000040 +	1,,,,,,,	1 2004/04/20 44 22
-	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:33
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
	l	US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
ļ		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
	1	US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
Ì		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.		
-	45	"6182499"	USPAT;	2004/01/29 14:31
			US-PGPUB	
-	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:33
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
1		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		ÙS-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
1	1	US-20020023493-\$).did.		

	61	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:34
[ ]	01	US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	2004/01/25 14.54
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or	USFRORUB	
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
1		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
i		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
	1	US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did. ) and (well or wellbore or borehole		
	İ	or (bore near3 hole) or petroleum or oil)		
_	62	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	=====================================
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or	00 1 01 00	
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
	1	US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did. ) and (well or wellbore or borehole		
		or (bore near3 hole) or petroleum or oil or gas)		

-	23	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
1		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or	1	
1		(US-20030151408-\$ or US-20020178805-\$ or	1	
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
	ļ	US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did. ) and (longitud\$8)		
-	390045	acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:29
		ultrasound\$4 or supersonic\$4 or supersound\$4	US-PGPUB	
-	5043	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:50
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)		
-	401	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:51
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) and 73\$.ccls.		
-	68	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:42
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
ľ		barnacle or ship or vessel)) same ((resonance or natural or		
		resonant) near5 (frequency))		
_	2099	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:41
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	US-PGPUB	,
		(settling or sand or impurities) same (well or wellbore or		
		bore or borehole or water or sea or barnacle or ship or		
		vessel)		
_	21	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	US-PGPUB	200 1,01,00 10.17
		(settling or sand or impurities) same (well or wellbore or	03 1 GF0D	
		bore or borehole or water or sea or barnacle or ship or		
		vessel)) same ((resonance or natural or resonant) near5		
ĺ	5055	(frequency))	LICDAT	2004/01/20 10:46
-	6955	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:46
1	1	ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro)	l	L

-	20	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro) ) same		
		((resonance or natural or resonant) near5 (frequency)) not		
		(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or		
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale		
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) same ((resonance or natural or		
		resonant) near5 (frequency)))		
-	20680	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:55
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or	1	
		transceiver or receiver)		
-	499	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:54
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro) ) and 73\$.ccls.		2004/04/20 40 56
-	833	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
	40	transceiver or receiver)) same (expos\$4 or situ)	LICDAT.	2004/01/20 10:56
-	40	(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT; US-PGPUB	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)) same (expos\$4 or situ)) same (horn		
1	3	or coupler or waveguide or (wave adj guide)) 4872345.URPN.	USPAT	2004/01/30 11:22
	7	4872345.URPN.   ("3056284"   "3165923"   "3228232"   "3587299"	USPAT	2004/01/30 11:25
-	/	( 3036264   3163923   3226232   3367299     "4289031"   "4446736"   "4545248").PN.	USFAI	2007/01/30 11.23
	8	3056284.URPN.	USPAT	2004/01/30 11:27
	14	4286461.URPN.	USPAT	2004/01/30 11:32
	4	("3603145"   "3648513"   "3776032"   "4130010").PN.	USPAT	2004/01/30 11:32
	<u> </u>	( JUUJIJ   JUTOJIJ   J//UUJZ   TIJUUIU ).FN.	UJIAI	200 1/01/30 11.33